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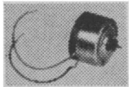


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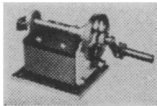
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# SCIENTIA INTERNATIONAL

## NOVAS DEL MENSE IN INTERLINGUA

**Le Explosion del Population.** — "Si nos vermente vole stoppar lo, le explosion del population pote esser prevenite hodie e nunc", diceva le ben-cognoscite biochimista Dr. Norman Applezweig in un discurso, "Moleculas e Humanos", presentate al Die de Communication Medical organisate in New York per le Association American de Publicistas Medical e le Jornal Medical del Stato de New York. Dr. Applezweig parlava del "pillulas de antifertilitate" — specificamente del hormon feminin estradiol ethinylic — que es currentemente in extense uso in multe partes del mundo. Ille concedeva que forsan le optime composito chimic pro le objectivo in question ha non ancora essite elaborate, sed ille insisteva passionate- e emphaticamente que in principio le methodo de disequilibrar le cyclo del ovulation per medios biochimic es efficace e practicabile. In supporto de iste assertion Dr. Applezweig explicava que le numero total del feminas fertil in le mundo integre es currentemente circa 500 milliones. Si omne iste feminas esseva tractate con estradiol ethinylic, le requirite quantitate de ille pharmaco esserea sex milles kilogrammas per anno, i.e., un quantitate producibile a un costo total de tres milliones dollars o de sex cents per capite. Le argumento que le "pillulas anti-ovulatori" es "contrari al natura human" esseva rejicite per Dr. Applezweig, notante que le indubitabile popularitate de ille pillulas esseva obtenite sin propaganda e sin effortios educative. Le presentation de Dr. Applezweig esseva recipite per le audientes con multe interesse sed etiam con le reserva que le parlator non haveva commentate le facto que le possibilitate de un effecto nocive del pillulas anti-ovulatori in le femina individual ha non ancora essite eliminate definitivamente.

**Recercas de Cancere.** — Le definition — o, plus tosto, le description — que cancre consiste in le incontrolate e incoordinate crescentia de cellulas pote esser precisate per le formulation que tissu cancreose es composita de cellulas inter le quales omne intercommunication ha collabite. Cellulas normal mantene extense intercommunicationes con altere cellulas con que illos se trova in contacto. Isto es experimentalmente demonstrabile: Cellulas normal que se trova in contacto mutual excambia moleculas e iones, e lor subsequeente comportamento (i.e., super toto, lor crescentia e lor movimientos) es nettamente influentiate per tal excambios. Cellulas cancreose, del altere latere, se comporta independentemente, sin riguardo a si illos se trova in contacto con alteres o non. Le scientistas qui se ha distinguite per le investigation de iste importantissime factos es primarimente Dr. W. R. Loewenstein e Dr. Y. Kanna del Universitate Columbia in New York. In persequer lor studios, illes ha trovate in plus que il es possibile determinar per medio de micro-electrodos si o non vive cellulas es capace de communicar le unes con le alteres. Iste constation promitte devenir importantissime como base de un nove methodologia in le diagnose de cancre. Il es evidente que le discopertas del

Drs. Loewenstein e Kanna va etiam iniciar nove recercas relative a nove methodos in le therapia de cancre. Le plus recente publication del mentionate scientistas con respecto a iste studios lore se trova in le numero del 19 de martio 1966 del periodico britannic "Nature."

**In Breve.** — Omne septimana, al minus duo nove museos aperi lor portas in le Statos Unite. — Al costa de Oregon, depositos submarin de fertilisantes chimic de un estimate valor de 100 milliones dollars attende a esser minate. — In 1966, le production statounitese de oleo crude va montar a plus que octo milliones barriles per die. — Soja es un alimento acceptabile pro bestial sed non pro porcos. — In 1962 e 1963, 10.200 scientistas immigrava ad in le Statos Unite, veniente primarimente del Regno Unite, de Canada, e de Germania. — Aqua dulce artesian esseva discoperite in roccas submarin a un distantia de quaranta kilometros ab le costa de Florida.

• Science News, 89:214 April 2, 1966